



11/13/03

(AW 08/03)

Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 3

**Complete If Known**

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Kazuhisa Yamamoto, et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	YAO-3750US4

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
DW		US-5,452,312	09-19-1995	Yamamoto, et al.	
		US-5,295,218	03-1994	Agostinelli	
		US-5,113,524	05-1992	Hirota	
		US-4,907,238	03-1990	Chun	
		US-4,667,331	05-1987	Alferness	
		US-5,614,961	03-1997	Gibeau	
		US-4,665,529	05-12-1987	Baer, et al.	
		US-5,036,220	07-30-1991	Byer, et al.	
		US-5,303,247	04-12-1994	Yamamoto, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
DW		JP 6-18823 U	03-11-1994			<input type="checkbox"/>
		JP 08-194196	07-30-1996	Fujitsu, Ltd.		<input type="checkbox"/>
		JP 2-199975	08-08-1990	Sony Corp.		<input type="checkbox"/>
		JP 2-221995	09-04-1990	Sony Corp.		<input type="checkbox"/>
		JP 3-191332	08-21-91	Matsushita Elec. Ind. Co., Ltd.		<input type="checkbox"/>
		JP 3-38984	02-20-91	Pioneer Electronic Corp.		<input type="checkbox"/>
		JP 4-100088	04-02-92	Sony Corp.		<input type="checkbox"/>
		JP 4-18823	02-17-92	Asahi Glass Co., Ltd.		<input type="checkbox"/>
		JP 4-296731	10-21-92	Matsushita Elec. Ind. Co., Ltd.		<input type="checkbox"/>
		JP 4-315120	11-6-92	Matsushita Elec. Ind. Co., Ltd.		<input type="checkbox"/>
		JP 4-45478	2-14-92	Ibiden Co., Ltd.		<input type="checkbox"/>
		JP 4-507299	12-17-92	Board of Trustees of Leland Stanford Jr. Univ.		<input type="checkbox"/>
		JP 5-107421	4-30-93	Fujitsu, Ltd.		<input type="checkbox"/>
		JP 5-173094	7-13-93	Matsushita Elec. Ind. Co., Ltd.		<input type="checkbox"/>
		(**continued on page 2**)				<input type="checkbox"/>

Examiner  
SignatureDate  
Considered

11/03/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Attorney Docket No. YAO-3750US5**

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)				
<i>DW</i>		JP 5-232536	9-1993			<input type="checkbox"/>
		JP 61-22518	5-31-86	Sony Corp.		<input type="checkbox"/>
		JP 6-148444	5-27-94	Fujitsu Ltd.		<input type="checkbox"/>
		JP 62-274788	11-28-87	Spectra -Physics, Inc.		<input type="checkbox"/>
		JP 6-265956	9-22-94	Fuji Photo Film Co., Ltd.		<input type="checkbox"/>
		JP 6-273814	9-30-94	Matsushita Elec. Ind. Co., Ltd.		<input type="checkbox"/>
		JP 6-350168	12-22-94	Hitachi Metals, Ltd.		<input type="checkbox"/>
		JP 7-15077	1-1995			<input type="checkbox"/>
		JP 7-23329	4-25-95	Mitsubishi Electric Corp.		<input type="checkbox"/>
						<input type="checkbox"/>
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						<input type="checkbox"/>
						<input type="checkbox"/>
Examiner Signature				Date Considered	4 / 03 / 05	

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**SHEET 3 of 3**

**Compleat If Known**

Application Number

### To Be Assigned

**Filing Date**

**Herewith**

**First Named Inventor**

Kazuhisa Yamamoto, et al.

**Art Unit**

### To Be Assigned

**Examiner Name**

### To Be Assigned

**Attorney Docket No.**

**YAO-3750US4**

## NON-PATENT LITERATURE DOCUMENTS

**Examiner  
Signature**

Date	
Considered	

11/03/01

<sup>1</sup>Applicant's unique citation designation number (optional).

**2. Applicant is to place a check mark here if English language translation is attached.**

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 1

**Complete if Known**

Application Number	10/712,128
Filing Date	November 13, 2003
First Named Inventor	Kazuhisa Yamamoto, et al.
Art Unit	2828
Examiner Name	Dung T. Nguyen
Attorney Docket No.	YAO-3750US4

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
DW ↓		US-5,042,909	07/27/1991	Garcia, Jr., et al.	
		US-5,130,838	07/14/1992	Tanaka, et al.	
		US-5,177,758	01/05/1993	Oka, et al.	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
DW ↓		WO 94/15237	07/07/1994	Thomson-CSF		<input type="checkbox"/>
		JP 04-000783	01/06/1992	Hitachi Ltd.		<input type="checkbox"/>
		JP 06-295159	10/21/1994	Matsushita Electric Ind Co Ltd		<input type="checkbox"/>

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DW ↓		Chinese Office Action dated April 29, 2005	<input type="checkbox"/>
		Chinese Office Action dated June 3, 2005.	<input type="checkbox"/>
		Chinese Office Action dated June 29, 2005 (first).	<input type="checkbox"/>
		Chinese Office Action dated June 29, 2005 (second).	<input type="checkbox"/>

Examiner Signature		Date Considered	4/22/06
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